ABSTRACT OF THE DISCLOSURE

A gun in which the gun barrel (2) is seated to be axially displaced in a cradle barrel. To avoid a lifting effect of the gun barrel (2) upon firing, and omit the necessity of complicated guide grooves in the cradle barrel (3) and tabs on the gun barrel (2), an elastically deformable, first slide-bushing bearing (5) is provided at the muzzle end of the cradle barrel, and a second slide-bushing bearing (6) with a predetermined amount of fit play is provided at the breech-ring end of the cradle barrel 3. The barrel bushing (7) of the first slide-bushing bearing (5) has segment-like, outside recesses (16) between adjacent support ribs (14) on its outer surface, and segment-like, inside recesses (19) on its inner wall (17) opposite the support ribs (14), so that when the gun barrel (2) expands, the barrel bushing (7) deforms elastically such that regions of the barrel bushing (7) resting against the gun barrel (2) are arched outward into the outside recesses (16), and the regions of the barrel (2) that do not rest against the inner wall (17) can move into the inner recesses (19) of the barrel bushing (7).